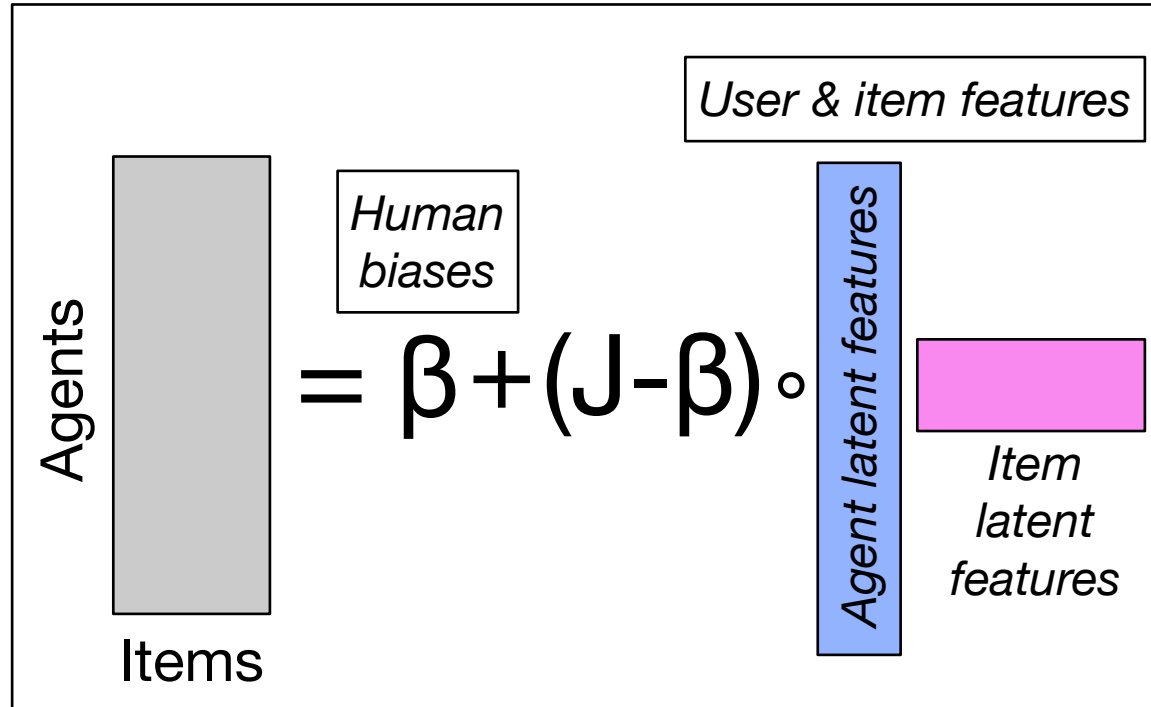# Teacher Model

Student Model & Learning Framework

Teacher Model:

$$\text{Agents} \times \text{Items} = \beta + (J - \beta) \circ \text{Agent latent features} \times \text{Item latent features}$$

Human biases

User & item features

Agent latent features

Item latent features

Student Model & Learning Framework:

Recommendations → Recommendations → Final Recommendation Model

Agents × Items ≈ Recommendation Model → Agents recommended new items ≈ → ≈

Legend:
- ■ Chose Item
- □ Did not choose item
- ▨ Unrecommended